



OPEN COMPETITION FOR HIGH SCHOOL STUDENTS

FACULTY OF ENGINEERING, INTERNATIONAL BALKAN UNIVERSITY – SKOPJE

Departments: Industrial Engineering and Management, Civil Engineering, Computer Engineering, and Architecture

TOPIC: “ENGINEERING A SUSTAINABLE FUTURE – PROPOSE AN ENGINEERING-BASED SOLUTION THAT REDUCES ENVIRONMENTAL IMPACT AND IMPROVES QUALITY OF LIFE ”

The Faculty of Engineering invites recent high school graduates to participate in a selective competition for a merit-based scholarship. Candidates are challenged to imagine models of sustainable future through the lens of their chosen academic discipline.

Participants must submit a short-written explanation (1–2 pages, in English) describing their idea, including a simple schematic diagram of how the model works. In addition, one visual poster and presentation (PDF or PowerPoint) must be prepared. Shortlisted candidates will present their projects in person at the Faculty of Engineering on a specified date. The use of AI tools is allowed only as support and must not exceed 25% of the total submission. The main idea and explanation must reflect the participant’s own work.

Language of written text and presentation is **English**.

Topic should cover scientific areas in Industrial Engineering, Civil Engineering, Computer Engineering, Architecture.

Evaluation Criteria

- Innovation & Originality (30%)
- Feasibility & Application of Discipline (30%)
- Environmental Impact & Sustainability (25%)
- Clarity of Visual Communication (15%)

Prize & Scholarship

The winner will be awarded a up to 100% scholarship for their Bachelor’s studies in the faculty of Engineering at International Balkan University.

Application

All applications should be send to Faculty of Engineering on its email:
feng@ibu.edu.mk

Subject: **FENG Competition**

Deadline: **24 April 2026**